

Title (en)
Gripper for rinsing or blowing machines

Title (de)
Greifer für Spül- oder Blasmuschinen

Title (fr)
Préhenseur pour des machines à rincer ou à souffler

Publication
EP 1970134 A2 20080917 (EN)

Application
EP 08004747 A 20080314

Priority
IT CR20070003 A 20070314

Abstract (en)
The invention relates to a gripper for rinsing or blowing machines for containers, namely for bottles, comprising at least a fixing support (101, 201, 301) to be fixed on a rinsing or blowing machine; a gripping body (102, 202, 302) connected to said support (101, 201, 301); movable gripping and release devices (104, 204, 304) for said containers; a unit (110, 210, 310) movable with respect to the gripping body (102, 202, 302) and arranged as to activate said movable gripping devices (104, 204, 304); opposition device associated to said movable unit (110, 210, 310) to exert a return action of the movable unit (110, 210, 310) and of the gripping means (104, 204, 304) to set them again in a predetermined idle position, characterized in that said opposition device comprises at least a magnet (123, 223, 323) adapted to interact magnetically with a suitable opposition element (124, 224, 324) to exert said return action.

IPC 8 full level
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CPC (source: EP)
B08B 9/426 (2013.01); **B29C 49/4205** (2013.01); **B29C 49/42069** (2022.05); **B29C 49/42087** (2022.05)

Citation (applicant)
• DE 102005041929 A1 20070308 - KRONES AG [DE]
• FR 2765816 A1 19990115 - ROCCHI FLAVIO [IT]

Cited by
WO2010066217A1; EP4082682A1; CN102272027A; EP2532611A1; US8590693B2

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